

ABSTRACT

The present invention is to provide a polyvinyl chloride (PVC) fiber for artificial hair. The PVC fiber is manufactured by melt spinning a PVC resin composition with a nozzle, wherein the nozzle has a nozzle hole having a diameter D and a land length L , and a nozzle leading portion having a cone angle, and wherein a ratio of L/D is 1-3, a height of the nozzle leading portion is at least 4mm, and the cone angle is 20° - 90° . The resulting PVC fiber has an arithmetic mean roughness of 0.18-0.38 μm and a maximum height of 0.5-3.5 μm along a longitudinal direction, specified by JIS B 0601.